

VETH

TUNNEL THRUSTERS



VETH

PROPULSION

SPEEDS YOUR PERFORMANCE



VETH TUNNEL THRUSTERS

The tunnel thrusters are manufactured using high quality materials and measure up to the strictest classification demands. The complete design gets a lot of attention: from the gears, the bearings and the oil seals up to the streamlined under water housing for optimal efficiency and minimal cavitation.

Upon request Veth Propulsion can also deliver the drive line. We can supply the electric motor and the frequency controller for an electrically driven bow thruster. Our experience is extensive and this makes it possible to advise our customers about the different possibilities. Depending on the required power we can also deliver the generator set or shaft generator. This way the electrical input and speed control comply with the requirements.



**THE VETH TUNNEL THRUSTER,
OPTIMUM BOW CONTROL**



TABEL

Type	Maximum Power [kW]	Nominal Input Speed [rpm]	Gear Ratio [mm]	Propeller Diameter
VT-80	110	1800	1,813	ø600
VT-100	160	1800	2,286	ø700
VT-150	200	1500	2,286	ø850
	205	1800	2,286	ø850
VT-240	320	1500	2,571	ø980
VT-300	445	1500	2,923	ø1200
VT-400	505	1500	2,923	ø1200
VT-550	600	1500	3,556	ø1350
VT-700	880	1000	2,462	ø1500
VT-800	1000	900	2,294	ø1600
VT-900	1200	750	2,375	ø1800

Specific power depends on the application and the classification rules.
Selection should always be made in consultation with Veth Propulsion.



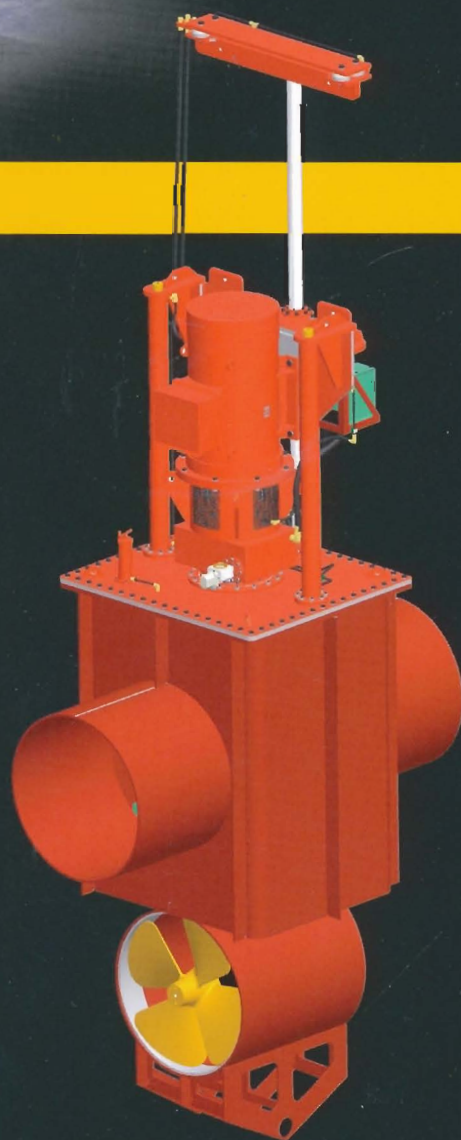
VARIOUS APPLICATIONS POSSIBLE

It can be advantageous to drive the tunnel thruster with a hydraulic motor when hydraulic power is available on board. Diesel direct drive is also possible. That set up requires an extra gearbox with a 90° angle gear set and a reversing coupling.

A special version of the Veth tunnel thruster is the retractable tunnel. This version has its applications in vessels for the off-shore industry. In the upper position this version will function like a regular tunnel thruster. After lowering the thruster under the vessel it has all the possibilities like a 360° steerable rudder propeller.

Our electronic department develops our own control systems. The control panels are easy to operate and are delivered fully tested and ready to install.

**POWER OF
PERFORMANCE**

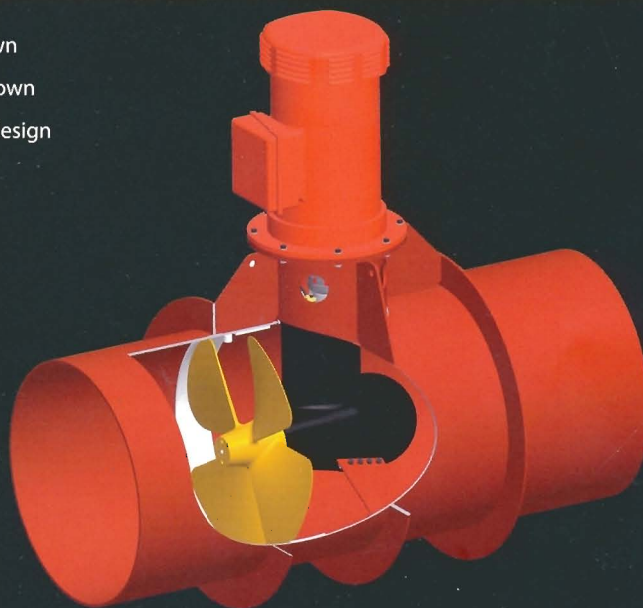




THE TUNNEL THRUSTER YOU CAN TRUST

For over 55 years Veth Propulsion in Papendrecht has been a well known name in the maritime industry. Through the years the company has grown to be the thruster specialist with solid construction, well thought out design and maintenance friendliness as characteristics.

Veth Propulsion can supply various bow thruster systems and can therefore provide the best solution for every situation. The Veth tunnel thruster is often the right choice for vessels which need optimum transverse thrust. It can be used as an auxiliary system, but we also have the experience to connect it to a DP-system.



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Griendweg 1 Papendrecht The Netherlands
P.O.Box 53 3350 AB Papendrecht The Netherlands
Phone +31 78 615 22 66 Fax +31 78 611 11 69
E-mail: info@veth.net
www.veth.net